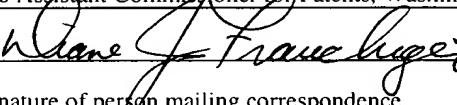


**TRANSMITTAL LETTER  
TO THE  
UNITED STATES  
RECEIVING OFFICE**

Date	January 26, 2000
International Application No.	09/463276
Attorney Docket No.	96429/9085

**I. Certification under 37 CFR 1.10 (if applicable)**

EL453984165US	January 26, 2000
Express Mail mailing number	Date of Deposit
I hereby certify that the application/correspondence attached hereto is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Assistant Commissioner for Patents, Washington, DC 20231.	
	Diane J. Frauchiger
Signature of person mailing correspondence	Typed or printed name of person mailing correspondence

**II.  New International Application**

TITLE	TRANS-SPECIES NUCLEAR TRANSFER	Earliest priority date (Day/Month/Year)
-------	--------------------------------	--

**SCREENING DISCLOSURE INFORMATION:** In order to assist in screening the accompanying international application for purposes of determining whether a license for foreign transmittal should and could be granted and for other purposes, the following information is supplied. (Note: check as many boxes as apply.)

- A.  The invention disclosed was **not** made in the United States.
- B.  There is no prior U.S. application relating to this invention.
- C.  The following prior U.S. application(s) contain subject matter which is related to the invention disclosed in the attached international application. (NOTE: priority to these applications may or may not be claimed on Form PCT/RO/101 (Request) and this listing does not constitute a claim for priority.)

Application No.		filed on	
Application No.		filed on	
D. <input type="checkbox"/> The present international application <input type="checkbox"/> contains additional subject matter not found in the prior U.S. application(s) identified in paragraph C above. The additional subject matter is found on pages ENTER PAGES and <input type="checkbox"/> DOES NOT ALTER <input type="checkbox"/> MIGHT BE CONSIDERED TO ALTER the general nature of the invention in a manner which would require the U.S. application to have been made available for inspection by the appropriate defense agencies under 35 U.S.C. 181 and 37 CFR 5.1. See 37 CFR 5.15.			

**III.  A Response to an Invitation from the RO/US. The following document(s) is(are) enclosed:**

- A.  A Request for An Extension of Time to File a Response
- B.  A Power of Attorney (General or Regular)
- C.  Replacement pages:

Pages	of the Request (PCT/RO/101)	Pages	of the Figures
Pages	of the Description	Pages	of the Abstract
Pages	of the Claims		

D. <input type="checkbox"/> Submission of Priority Documents	
Priority Document	Priority Document
E. <input type="checkbox"/> Fees as specified on attached Fee Calculation Sheet Form PCT/RO/101 annex.	

**IV.  A Request for Rectification under PCT 91     A Petition     A Sequence Listing Diskette**

**V.  Other (please specify): Filing under 35 U.S.C. 371; postcard**

The person signing this form is the:	<input type="checkbox"/> Applicant	Teresa J. Welch
		Typed name of signer
	<input checked="" type="checkbox"/> Attorney/Agent Reg. No. 33,049	
	<input type="checkbox"/> Common Representative	Signature

FORM PTO-1390 (REV 12-29-99)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER <u>96429/9085</u>	
		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>09/463276</b>	
INTERNATIONAL APPLICATION NO. PCT/US98/15387	INTERNATIONAL FILING DATE 24 July 1998	PRIORITY DATE CLAIMED 26 July 1997	
TITLE OF INVENTION TRANS-SPECIES NUCLEAR TRANSFER			
APPLICANT(S) FOR DO/EO/US Neal L. First, Tanja Dominko and Maissam Mitalipoua			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p>4. <input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))        a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau).        b. <input type="checkbox"/> has been transmitted by the International Bureau.        c. <input checked="" type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</p> <p>6. <input type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(3)).</p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))        a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau).        b. <input checked="" type="checkbox"/> have been transmitted by the International Bureau.        c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.        d. <input type="checkbox"/> have not been made and will not be made.</p> <p>8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>			
Items 11. to 16. below concern document(s) or information included:			
<p>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A <b>FIRST</b> preliminary amendment.  <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input type="checkbox"/> Other items or information:</p>			

09/463276

CALCULATIONS PTO USE ONLY

17.  The following fees are submitted:**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5) ):**

Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO ..... \$970.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$840.00

International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$690.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$670.00

International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$96.00

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

\$ 670.00

Surcharge of \$130.00 for furnishing the oath or declaration later than  20  30 months from the earliest claimed priority date (37 CFR 1.492(e)).

\$ 130.00

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	15 - 20 =	0	X \$18.00	\$
Independent claims	3 - 3 =	0	X \$78.00	\$
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$260.00	\$
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$ 800.00
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).				\$ 400.00
<b>SUBTOTAL =</b>				\$ 400.00
Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$
<b>TOTAL NATIONAL FEE =</b>				\$ 400.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$
<b>TOTAL FEES ENCLOSED =</b>				\$
				Amount to be refunded: \$
				charged: \$

a.  A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$\_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0842. A duplicate copy of this sheet is enclosed.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Teresa J. Welch  
Michael Best & Friedrich LLP  
One South Pinckney Street, Suite 700  
P.O. Box 1806  
Madison, WI 53701-1806  
(608) 257-3501  
FAX (608) 283-2275



SIGNATURE:

Teresa J. Welch

NAME

33,049

REGISTRATION NUMBER